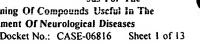
Screening Of Compounds Useful In The Treatment Of Neurological Diseases Atty. Docket No.: CASE-06816 Sheet 1 of 13



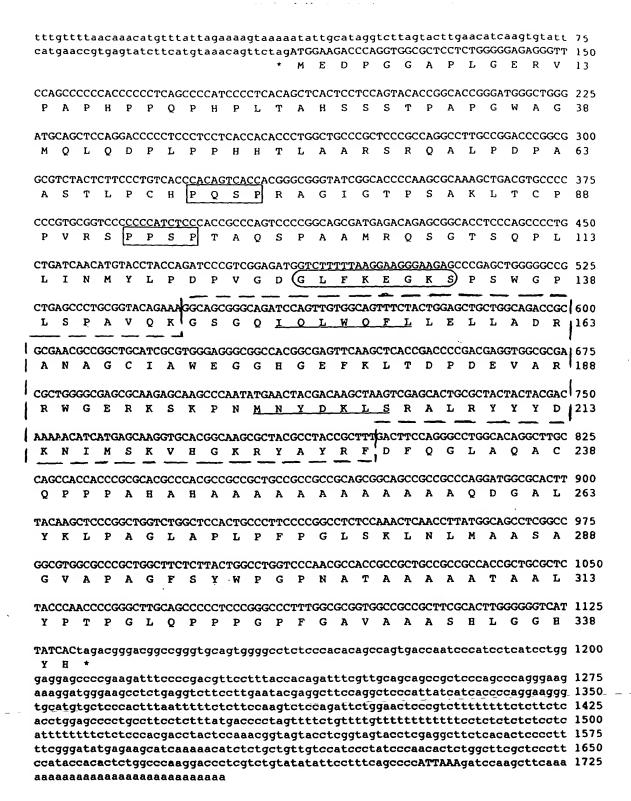


FIG. 1

		Screening Of Compounds Useful In The Treatment Of Neurological Diseases Atty. Docket No.: CASE-06816 Sheet 2 of 13
RE RE	KRRKY RRY RY	
85 KVH-GKRYAY KVH-GKRYAY KVH-GKRYAY	KVH-GKRYAY KTA-GKRYVY KTS-GKRYVY KTS-GKRYVY KTA-GKRYVY KSG-GRKYTY	KVQ-GKREVY KVQ-GKREVY KVA-GERYVY KVA-GERYVY KVA-GERYVY KVA-GERYVY KVA-GERYVY KVA-GERYVY KVA-GERYVY KVA-GERYVY KVA-GERYVY KVO-GERYVY KVO-GERLVY KVE-GQRLVY
75 RYYYDKNIMS RYYYDKNIMT RYYYDKNIMT RYYYDKNIMT	RYYYDKNIMT RYYYDKNVIH RYYYDKNVIH RYYYDKNIH RYYYRKDIVL	RYYYDGDMIC RYYYEKGIMQ RYYYEKGIMQ RYYYEKGIMQ RYYYDKRILH RYYYDKNIIK RYYYDKNIIK RYYYQRGILA RYYYQRGILA RYYYQRGILA RYYYKGILA RYYYKREILE RYYYKRILE RYYYKKILE RYYYKKILE RYYYKKILE
65 MNYDKLSRAL MNYDKLSRAL MNYDKLSRAL MNYDKLSRAL	MNYDKLSRAL MNYEKLSRGL MDYEKLSRGL MNYEKLSRGL MNYEKLSRGL MNYEKLSRGL MNYEKLSRGL	MNYEKLSRAL MNYDKLSRSL MNYDKLSRSL MNYDKLSRSL MNYDKLSRAL MNYDKLSRAL MNYDKLSRAL MNYDKLSRAL MNYETMGRAL MNYETMGRAL MNYETMGRAL MNYETMGRAL MNYETMGRAL MNYETMGRAL MNYETMGRAL MNYETMGRAL MNYEKLSRAM MNYDKLSRSI MNYDKLSRSI MNYDKLSRAL
SS WGERK-SKPN WGERK-SKPN WGERK-SKPN WGERK-SKPN	WGERK-AKPN WGKRK-NKPK WGKRK-NKPK WGKRK-NKPK WGIRK-NKPK	WGEKK-NKPA WGORK-NKPT WGIOK-NRPA WGIOK-NRPA WGIOK-NRPA WGIOK-NRPA WGIOK-NRPA WGICK-NRPN WGIRK-NKPN WGIRK-NKPN WGIRK-NKPN WGIKK-NKPN WGKHK-NKPD
45DPDEVARRDPDEVARRDPDEVARR		DPDRVARLQPELVAQKEPEEVARREPEEVARLEPEEVARLDPDEVARLDPDEVARLDAEEVARLDAEEVARLDSKAVSRL
35 G-GHGEFKLT G-TNGEFKMT G-TNGEFKMT G-TNGEFKLT	G-QSGEFRLI G-DGWEFKLS G-DGWEFKLS G-DGWEFKLA G-DGWEFKLT G-NSREFQLC	G-TEGEFKLT G-DEGEFKLN G-EGREFKLI G-EGMEFKLI G-EGMEFKLI G-EGMEFKLI G-EGMEFKLI G-EGMEFKLI G-EGMEFKLI G-EGMEFKLI G-EGMEFKLI G-EGMEFKLI SNDG-EFKLI
25 NAGCIAWE NASCITWE NSSCITWE NASCITWE	NANAISWE CQSFISWT CQSFISWT CQSFISWT CQSFISWT RSSCIRWT	HTDVIEWV ARDCISWV NSHFIAWT NSHFIAWT NAHFIAWT NAHFIAWT NGHIISWT NEHMICWT HEHLICWT Y-CPRYIKWT T-CPRYIKWT
15 FLEELADRA FLEELSDSA FLEELSDSS FLEELSDSS FLEELSDSS	FLIELLADSS FLIELLTDKS FLIELLTDKS FLIELLDKS FLIELLDKT FLIELLDKT	FLLELLTDCE FLLELLTDKD FLVTLLDDPA FLVALLDDPA FLVALLDDPT FLYALLDDPT FLLQLLQEPQ FLLQLLQEPQ FLLQLLQDKE FLLALLQDKE FLLALLQDKE FLLDLLQDKE FLLDLLQDKN FLLDLLQDKN FLLDLLQDKN FLDLLQDKN FLDLLQDKN FLDLLQDKN FLDLLQDKN FLDLLQDKN FLDLLQDKN FLDLLQDKN FLDLLQDKN FLDLLQDKN FLDLLQDKN FLDLLQDKN FLDLLQDKN FLDLLQDKN FLDLLQDKN FLDLLQDKN
5 GSGOIQ-LWQ GSGOIQ-LWQ GSGOIQ-LWQ	SGGQIQ-LWQ GSGPIQ-LWQ GSGPIQ-LWQ GSGPIQ-LWQ HRGPIQ-LWQ	NNGQVQ-LWQ NNGQIQ-LWQ RRGSLQ-LWQ RRGSLQ-LWQ RRGALQ-LWQ RRGALQ-LWQ GSRQIQ-LWH MDPSVT-LWQ MDSAIT-LWQ MDSAIT-LWQ MESAIT-LWQ REGSTIYLWE GKGNTIYLWE GKGNTTYLWE RIADCRILWD
RATPET MUSFLI1 HUMERG DROFTS3	DROETS6 RATETS1 VETS MUSETS2 DROPNT1 MUSER71	DROELG MUSGABP HUMERM HUMERR1 HUMELK1 HUMERF1 MUSNET DROETS4 HUMERF1 HUMERF1 HUMERF1 HUMERF1 HUMERF1 HUMERF1 HUMERF1 HUMERF1

FIG. 2A

Ittle.Reagents And Methods For The
Screening Of Compounds Useful In The
Treatment Of Neurological Diseases
Atty. Docket No.: CASE-06816 Sheet 3 of 13

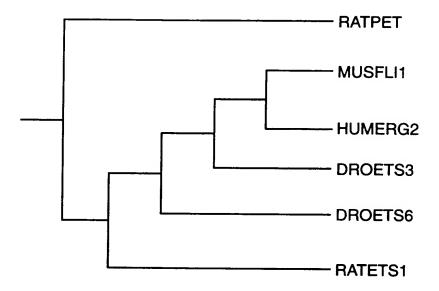
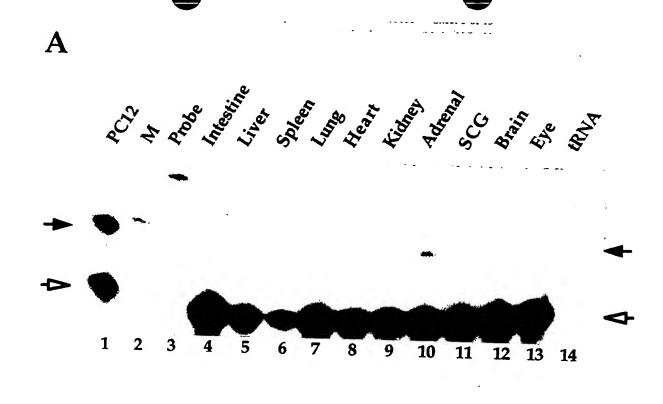


FIG. 2B

Ally, DUCKELING. CASE-00010 85 **56 39** B 28S **18S**

FIG. 3



B

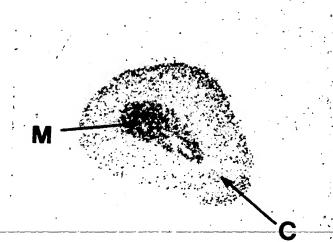


FIG. 4

anti-EE	-	-	-	-	-	-	-	+ 1
EE-PET-1	-		+	+	+	+	+	+
wt PEA3	-	-	-	+	++	-	-	-
mut PEA3	-	-	-	-	-	+	++	-

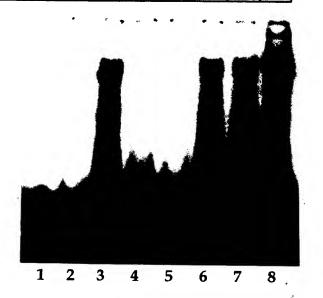


FIG.5

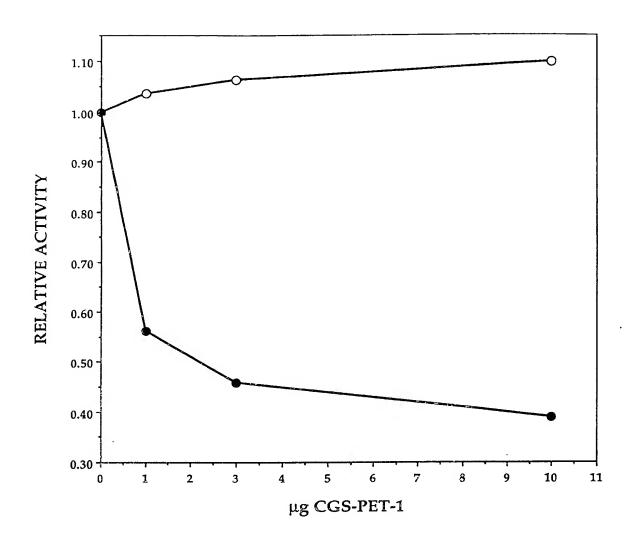


FIG. 6

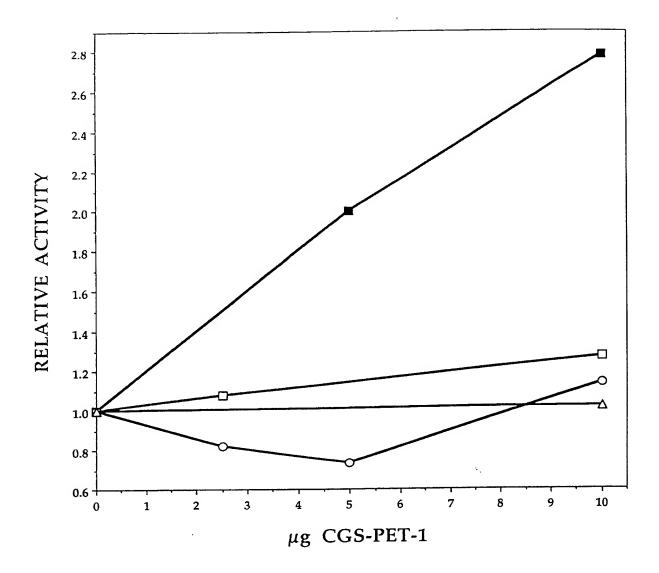


FIG. 7

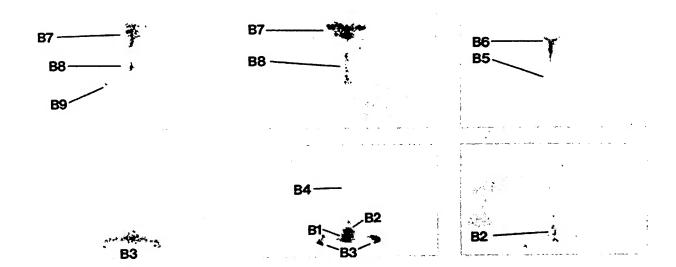


FIG. 8

Examiner: Group Art Unit: 1653
Applicant: Evan Samuel Deneris
Title:Reagents Amethods For The
Screening Of Compounds Useful In The



FIG. 9

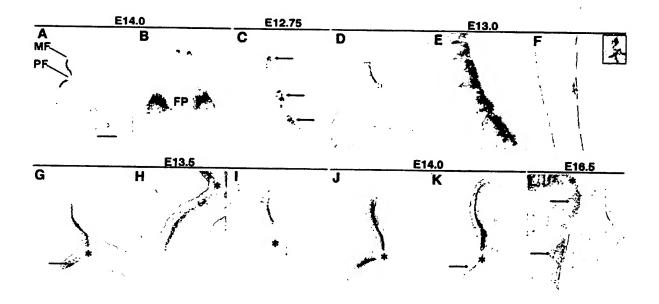


FIG.10

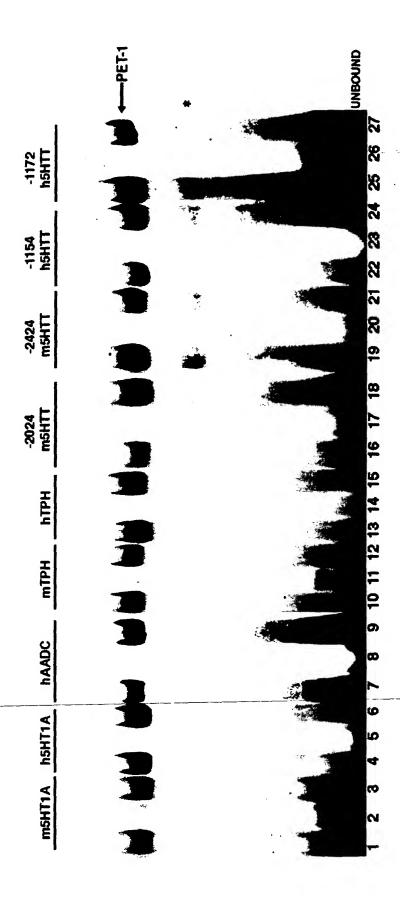


FIG.11

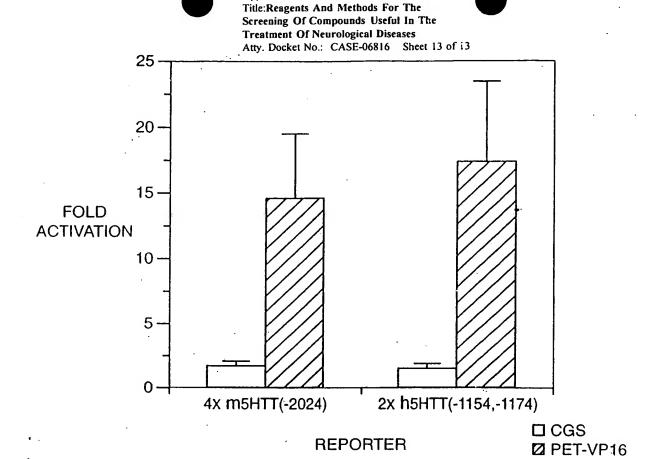


FIG. 12A

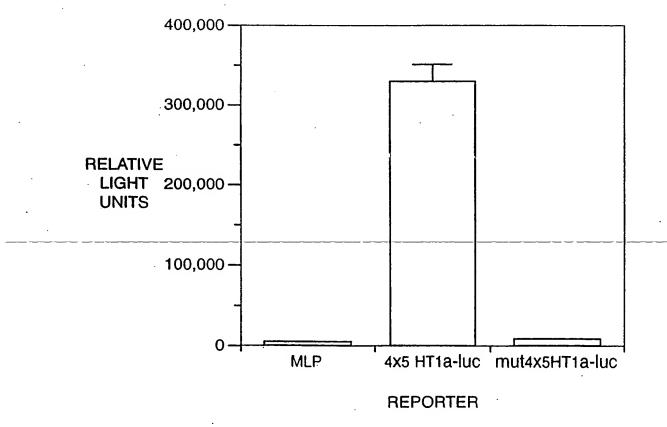


FIG. 12B